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Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Device for recording information, the information including real-time data within [[of]] a real-time data stream in accordance with a predefined recording format, which device comprises

[[-]]   recording means (22) for recording optically detectable marks in a track on a record carrier representing the information in information blocks having logical addresses, and

[[-]]   control means (20) for controlling the recording by locating each information block at a separate physical address in the track, the control means comprising:

allocation means for generating and maintaining the allocation information, the allocation information including at least one logically contiguous range of blocks allocated to at least a part of the real-time data stream,

[[-]]   addressing means (31) for translating the logical addresses into the physical addresses and translating the physical addresses into logical addresses vice versa in dependence on allocation information,

[[-]]   allocation means (32) for generating and maintaining the allocation information, the allocation information including at least one logically contiguous range of blocks allocated to at least a part of the real-time data stream, and

[[-]]   auxiliary data means (34,33) for processing auxiliary data related to the real-time data and for recording the auxiliary data as auxiliary blocks on the record carrier,

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the auxiliary data means being coupled to the allocation means, whereby the allocation means

assigns a ~~for assigning~~ physical addresses to the auxiliary information blocks, which physical

addresses of the auxiliary blocks are excluded from allocation to logical addresses and are

within or near a physical address range, which physical address range is allocated to the said

part of the real-time data stream corresponding to the at least one logically contiguous range

of information blocks ~~allocated to the said part of the real-time data stream~~.

2. (Currently Amended) Device as claimed in claim 1, wherein the auxiliary data means

~~(34,33)~~ comprise:

[[-]]   meta-data means ~~(34)~~ for generating and maintaining meta-data for controlling the

rendering of the real-time data stream and for recording at least part of the meta-data relating

to said part of the real-time data stream on the record carrier after recording said part of the

real-time data stream, and

[[-]]   recovery means ~~(33)~~ for generating recovery data for enabling a retrieval of real-time

data for which corresponding meta-data has not been recorded and for recording the recovery

data in the auxiliary information blocks.

3. (Currently Amended) Device as claimed in claim 2, wherein the recovery means ~~(33)~~ are

arranged for recording recovery status information at a predefined location on the record

carrier.

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4. (Currently Amended) Device as claimed in claim 2, ~~wherein the device comprises~~ further

comprising a non-volatile memory, and the recovery means ~~(33)~~ are arranged for storing

recovery status information regarding said generating of recovery data in the non-volatile

memory.

5. (Currently Amended) Device as claimed in claim [[3]] 4, wherein the recovery means ~~(33)~~

are arranged for generating the recovery status information including pointer information for

indicating a location of a recovery block.

6. (Currently Amended) Device as claimed in claim 2, wherein the recovery means ~~(33)~~ are

arranged for generating recovery data for recovering allocation information which has not

been recorded.

7. (Currently Amended) Device as claimed in claim 2, wherein the auxiliary data means

~~(34,33)~~ are arranged for including in the auxiliary information blocks a unique signature

and/or pointer information to other auxiliary information blocks.

8. (Currently Amended) Device as claimed in claim 1, wherein the auxiliary data means

~~(34,33)~~ are arranged for controlling the allocation means for allocating at least two

consecutive physical addresses to the auxiliary information blocks.

9. (Currently Amended) Device as claimed in claim 1, wherein the auxiliary data means

~~(34,33)~~ are arranged for controlling the allocation means for allocating physical addresses for

auxiliary blocks in dependence on defect management information, ~~in particular~~ by allocating

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physical addresses in a defect management area or by allocating physical addresses near bad

blocks.

10. (Currently Amended) Device as claimed in claim 2, wherein the recovery means ~~(33)~~ are

arranged for controlling the allocation means for de-allocating physical addresses previously

allocated to the recovery information blocks for said part of the real-time data stream after

recording of the meta-data corresponding to said part.

11. (Currently Amended) Device for reading information, the information including real-

time data of a real-time data stream in accordance with a predefined recording format, which

device comprises

[[-]]   reading means ~~(30)~~ for reading optically detectable marks in a track on a record

carrier representing the information in information blocks having logical addresses, and

[[-]]   control means ~~(20)~~ for controlling the reading by locating each information block at a

separate physical address in the track, the control means comprising:

        Allocation means for generating and maintaining the allocation information,

the allocation information including information about at least one logically contiguous range

of information blocks allocated to at least a part of the real-time data stream,

[[-]]   addressing means ~~(31)~~ for translating the logical addresses into the physical

addresses and translating the physical addresses into logical addresses ~~vice versa~~ in

dependence on allocation information, ~~the allocation information including at least one~~

~~logically contiguous range of blocks allocated to at least a part of the real-time data stream,~~

and

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[[-]]   auxiliary data read means ~~(37,38)~~ coupled to the allocation means for

processing auxiliary data related to the real-time data and for reading the auxiliary data as

auxiliary information blocks from the record carrier,

the auxiliary data information blocks having physical addresses that are

excluded from allocation to logical addresses and are within or near a physical address range

corresponding to the at least one logically contiguous range of blocks allocated to the said part

of the real-time data stream.

12. (Currently Amended) Device as claimed in claim 11, wherein the auxiliary data read

means ~~(37,38)~~ comprise

[[-]]   meta-data read means (38) for controlling rendering of the real-time data stream in

dependence on meta-data and for reading the meta-data relating to said part of the real-time

data stream on the record carrier, and

[[-]]   recovery means ~~(37)~~ for reading recovery data from the auxiliary information blocks

and for retrieving real-time data for which corresponding meta-data has not been recorded in

dependence on the recovery data.

13. (Currently Amended) Method of recording information in a track on a record carrier, the

information including real-time data of a real-time data stream in accordance with a

predefined recording format, which method comprises

[[-]]   recording the information in information blocks having logical addresses, and

[[-]]   controlling the recording by locating each information block at a physical address in

the track, which controlling comprises:

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[[-]]   translating the logical addresses into the physical addresses and <u>translating the</u>

<u>physical addresses into logical addresses</u> ~~vice versa~~ in dependence on allocation information,

[[-]]   generating and maintaining the allocation information, the allocation

information including at least one logically contiguous range of <u>information</u> blocks allocated

to at least a part of the real-time data stream,

[[-]]   processing auxiliary data related to the real-time data and for recording the

auxiliary data as auxiliary <u>information</u> blocks on the record carrier, and

[[-]]   assigning physical addresses to the auxiliary <u>information</u> blocks, which

physical addresses of the auxiliary <u>information</u> blocks are excluded from allocation to logical

addresses and are within or near a physical address range corresponding to the at least one

logically contiguous range of blocks allocated to the said part of the real-time data stream.

14. (Currently Amended) Method as claimed in claim 13, wherein the step of processing

auxiliary data comprises<u>:</u>

[[-]]   generating and maintaining meta-data for controlling rendering of the real-time data

stream, and recording at least part of the meta-data relating to said part of the real-time data

stream on the record carrier after recording said part, and

[[-]]   generating recovery data for enabling retrieval of real-time data for which

corresponding meta-data has not been recorded, and recording the recovery data in the

auxiliary <u>information</u> data blocks.